

440

Muster Dec 1st
 1/10
 34 53 20.
 by 3, 74.53.

Cap. Horn
port control
55 58 41
y 4 29.4

Tolucahuano Fat Salty 36° 42' 0"
by 4 52 40.

Valparaiso
Total 33 1.53
44 4.46 45.

Callos fly flat
in the spread
12 4.0
by 5.8 5%*

18 28 5
40 5 11

10 1905 II
à l'est de Valparaiso

Callao 228
- 1000
- 1000

Guarney 10 6 15
0 1 26 6
2 10

Pura (Sta Española)
24730
0 233 5
-100

Guayaquil ~~had~~
 2. la villa
 2 13.0 6 32 48 **

Gen. Vol
86 p 2, 337-339

9. Vespers and Cello organ
with the boys & Offspring
of cathedral by
Oltmanns: p 392.

$$\begin{array}{r} 46.45 \\ 22.8 \\ \hline 58.53 \end{array}$$

at 21 54' 18" 15 Per
 1000 m. w. m. g.
 200 m. 20 m. 16, 5
 25 18 18
 25 18 18
 25 18 18
 25 18 18

~~x~~
2^d 3rd 28 55' P.
ice bar 5 29 13'
Cham 5
D 137 2 ft. near
18 7 = 4' 30"
~~Lies gegen~~
Hall. von
Cham 20

For (Amount) \$100.00
to be paid to the
order of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

for the
of the
1802-1803

Landesverw. d. v. Cuzco 1825
des General Muller 1825

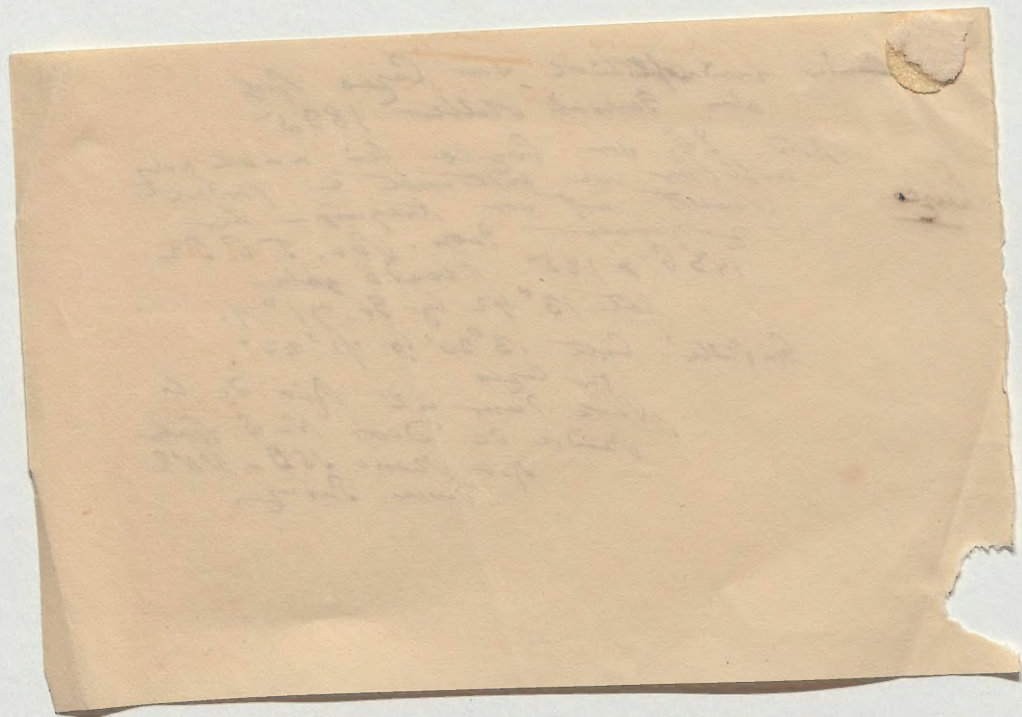
Cuzco

Alt. d. v. Cuzco ist noch ganz
unbekannt und bestimmt in fester
Stellung auf ein Krönchen bei
Zugang zu Guay. Soc. T. 6 D
1436 x 185. Hiero gibt

lat $13^{\circ}42'$ by $5^{\circ}11'4''$

Gen. Muller's Cate $13^{\circ}30'$ by $7^{\circ}22'$

for Cuzco
Nach Tausch ist Rio de la
Vieja de Dios N-S. Rahr
Vieja de Dios S-SO-NNE
des Rio de la Vieja



Sept.
astro.
navigation

Offices of the Beagle 1836 443
Callao 12° 4' by west in Valparaiso
Guarmay 10 6' 15" ... 0° 22' 8"
Payta 5 53 00 .. 0° 37' 47"
Isla de Santa
Española 2 47 30 .. 0° 33' 5"

n 339 Guayaquil
extra south Ind.
de la ville 2 13. — 0° 32' 48"

n 338
Callao 12.4 — 5° 8' 54" ^{gentle}
Tallahuano ^{from}
Port Sulley 36 42 0 — 4° 52' 40"

Valparaiso ^{Porto}
Port S. ^{Ind.} 33. 1. 53 — 4. 46 45

Cape Horn
north and east 55 58 41 — 4° 29' 4"

New Janeiro
Villegagnon Head 22. 54 50 — 2° 52' 35"

Monte Video
Port Head 34 53 20 — 3. 44 53

+ Falmouth 50 8 33 — 0° 20' 11"

Valparaiso and Callao agree
with the best
Observations
by Olinarius
n 342

Geogr Soc. 56 Pt n 342.
Ship's Decade 1825-1836
by Capt. James King
of the Beagle

18

18
18
18

18

18

239) Valparaiso (Dec 1826) $174^{\circ} 2' 0'' = 4^{\circ} 56' 8''$
 Fort S. Antonio das 10,7" war östlich von
 Fort S. Rosario Nun beobachtet Basil Hall
 occult. da Stern 644 Scorpion am 28 Oct
 1821 und 1. Abh. daraus fälschlich Valparaiso.
~~644~~ $4^{\circ} 55' 15'' = 73^{\circ} 48' 39''$ der
 OLTmann aber findet aus dieser occultation
 $4^{\circ} 56' 14,6''$ und da Hall $30''$ war östlich
 von Fort S. Antonio beobachtet, so findet
 Hall S. Antonio $4^{\circ} 55' 17''$ OLTmann aber $4^{\circ} 56' 16,6''$
 = $74^{\circ} 4' 7''$. OLTmann nennt (Dodr. 7. 193) mittel
 am 2 occult. $4^{\circ} 56' 16,6'' = 74^{\circ} 4' 7''$
 $4^{\circ} 56' 46,7'' = 74^{\circ} 11' 38''$
 $4^{\circ} 56' 31,7'' = 74^{\circ} 7' 56''$
 Wenn OLTmann sagen $74^{\circ} 2'$ vorricht
 4. $4^{\circ} 56' 8''$ ist es wohl der Mittelwert
 in der die $74^{\circ} 0'$ geben

4. 174
 174 (1. 193)
 4. 56' 19

(Henry Sawyer)

Alton. Secy.
 Lieut. of Paper Secretary at the
 Royal Artillery, 1st Vols of Secondary meridian
 in Otahiti Island, (Honolulu Harbor
 and midl. Valparaiso Port; & Francisco
 west. 1839 & 1839
 York. 1839 & 1839
 Reg. to of Lieut. 1, and of Navigation
 The Practice of 1839 and

(The following are)

7 der Pange
estv. Gm
recht

J. C. Green,
 1st Engin-
 eering
 Co.
 Contr-
 ments,
 oscillation
 of ~~the~~ on
 Gary Link
 and approx-
 low Est. of
 the San
 Mateo Mts.
 1829 Mai
 229-326

[Faint handwritten notes, possibly bleed-through from the reverse side.]

[illegible]

Cop Beechey

* 71° 33' 24" S. Gr. 9
= 70° 59' 48" S.
= 4° 55' 59" N. Par

Long of Village on low C.A. Pacific / 13.5v
C. Gannett 1825 — 43° 9' 56"
1825
Beechey par 1836

21 7
81 2
4 2
4 5
0 9

77 13 70
71 41 5
1 15
5 32 15

Valparaiso. Lima Chap. 2.

Deedey

Mercur. 245

Naut. Mag. April 1838

at Valparaiso Fort V. Antonio

Valp. Latitude $74^{\circ} 34'$ Deedey $73^{\circ} 59' 56''$ Dip. Hk. $73^{\circ} 48' 35''$ Oltm $74^{\circ} 7' 55''$ Danza $74^{\circ} 3' 15''$

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

by Dist. Naut. Durdzage

ooo
Dist. Naut.
Conception
 $71^{\circ} 40' 3''$

Examin. 2
Naut. Mag. III 2591
Dist. Naut.
notable
 $74^{\circ} 2' 0''$
 $74^{\circ} 56' 8''$
 $= 4^{\circ} 56' 8''$

Villagran Lar. Naut.
June 1826
Deedey 43-9-13 Sum

+ Dip. Hk. $71^{\circ} 28' 15''$ S. 1.

Valp. at Callao
 $5^{\circ} 20' 38''$ Naut.
 $5^{\circ} 31' 47''$ Hk.
 $5^{\circ} 30' 43''$ Lat.
 $89^{\circ} 8'$
 $5^{\circ} 29' 46''$
 $= 20' 56''$
 $0^{\circ} 21' 58''$
File 90
Naut. 2 343
Valp. Co. Callao
 $0^{\circ} 22' 9''$
p. Ball

$71^{\circ} 39' 22''$
 $2^{\circ} 20' 24''$
 $73^{\circ} 59' 46''$
306

$71^{\circ} 37' 57''$
 $2^{\circ} 20' 24''$
 $3^{\circ} 58' 21''$
30

